## ISSUE SLIP STAPLE AREA (for additional cross references

| POSITION .                | - INITIALS | io No. | DATE     |
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| FEE DETERMINATION         |            | , ,    | 08-2010  |
| O.I.P.E. CLASSIFIER       |            |        | Q-24-01: |
| FORMALITY REVIEW          | TH         | 90     | 29-28-01 |
| RESPONSE FORMALITY REVIEW |            |        |          |
|                           |            |        |          |

## **INDEX OF CLAIMS**

| ż | Rejected                   |   |   | N | **************************       | . Non-elected |
|---|----------------------------|---|---|---|----------------------------------|---------------|
|   | Allowed                    | • |   |   | ************************         |               |
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|------------|----------------|-------------|----------|--------------|--------------|--------------|----------|----------|----------|--|----|-------------|-------------|---------------|----------|--------------|--------------|----------|-------------------|------------|--------------|------------|--------------|--------------|----------|-----------|----------------|------------|--------------|--------------|--------------|---------------|--|--------------|--|--|----------|----------|
|            | * 1            |             |          | 1110         |              |              |          |          |          |  |    |             |             |               |          | _            |              |          |                   |            |              |            |              |              |          |           |                |            |              |              |              |               |  |              |  |  |          |          |
| ٠          | Ck             |             | ×        | 77           | 1            |              | D        | ele `    | ·<br>1   | _  |    | <del></del> | -           | 0             | aim      | 1            | -            | 1        | ·<br><del>T</del> | Đa         | te           | ;          |              |              | ·-       |           | C              | alm        |              | ·            | • • •        |               | Da   | ite          |  | <u> </u>   |          |          |
|            | Final          |             | 2/13/0   | Ė            |              |              |          |          |          | K  |    |             |             | Final         | Original |              |              |          |                   |            |              |            |              |              | }        |           | Final          | Original   |              | 1            |              |               |  | 4.7          | 1  | 1.7.   | 1: 37    |          |
| 1          | ¥ 1            |             |          | 花            | · V          | 1            | <b>†</b> | 7        | 1        | †  | +  | 十           | 1.          | 十             | 5        | _            | 1            |          | +                 | -          | ┢            | ┝          | ┪            | ╁            | ├-       |           | -              | 101        |              | -            | <del> </del> | $\vdash$      | 1.7  | +            | 12   | H  | +        | +        |
| đ          | įÇ.            | 72          | 1        | ti           |              | ż            | Ι.       | 1        | 1,       | , i  | 1  |             | 1           | T             | 52       |              | T            | T        | 1.                |            |              |            | 十            | 一            | -        |           |                | 102        | <del>(</del> | 1            | ┝            | <del> -</del> | -  | f -          | <del>                                     </del> | 133  | 1:       | f        |
|            | 1.2            | . 3         | برا      | Ü            | ٤            | 1.           | 1        | • 4      | 4        | 3  |    |             | ]           |               | 55       | 3]           | Γ            | T        |                   | Г          |              | Γ          | Γ            | 1            |          |           |                | 103        |              | -            | <u> </u>     | <b> </b>      | <del>                                     </del> | 一            | <b>†</b>   | 1  | 1        | †        |
| 1          |                |             | 2        | 2            | 1            | Ŀ            |          | 1.       | I        | L  | L  | L           | ]:          |               | 54       |              |              | L        |                   |            |              |            |              |              |          |           |                | 104        |              |              |              |               |  | <b>T</b>     | 1  | <del>                                     </del> | Ħ        | †        |
| ij         | 'n             |             | L.       | ۲            | 4            | 1            | 1.       | 1        | 1        | 4  | Ţ, | L           | į           |               | 5.       | -1           |              | 1        | _                 | L          |              | _          |              | <u> </u>     | -        | <i></i> . |                | 105        |              |              |              |               |  |              |  | γ.   | 1        | :        |
|            |                | 7           | S<br>V   | E            | -            | 1            | 1        |          | +        | +  | ╀- |             | 1           | -             | 50       |              | _            | ┞        | ╄-                | ╄-         | <b> </b>     | _          | ├            | ↓_           | <u> </u> |           |                | 106        |              |              |              |               |  |              |  | <u></u>  | E        | ŀ        |
|            | ź              | 8           | _        | Ü            | K            |              | +        | 1.       | +        | +  | ╁  | ┝           | -           | -             | 57       | <u> </u>     | -            | ╀        | ╂-                | <b>-</b> - | -            | -          | <del> </del> | <del> </del> | -        |           |                | 107        |              | -            | _            | <u> </u>      | ₽  | <u> </u>     | Ŀ  | Ļ  | 1        | 1        |
|            | 7.             | K           |          | 17.          |              |              | -        | 1        | +        | <del>} .</del>                                   | ┝  | 十           | <b> </b> :: | -             | 55       | <del></del>  | <del>}</del> | ╁        | ┞                 | ├-         | -            | -          | -            | ├-           | -        |           | }              | 108        | <b>}</b> —   | <b>-</b> -   | _            | 1             | <b>-</b>   | <del> </del> | ļ.,  |  | 1        | Ŀ        |
| ЭŤ         |                | 10          |          | -            | i.           | -            |          | <b>†</b> | <b>†</b> | †  | ╁. | -           |             | -             | 600      | _            | 一            | 十        | -                 | ┢          | -            |            | -            | -            | -        |           | <del></del>    | 109        |              | }            | -            | -             | ┟∸   | <u> </u>     | I.   | 1.55   | 1:       | 1        |
|            |                | 11          | <u> </u> | ننا          | 12           |              | Ì.       | 1        |          | 1  | 十  |             |             | 一             | 6        |              | -            | ┝        | ┝╼                | -          | -            |            | -            | -            | -        | ,         | -              | 111        |              |              | -            |               |  | <del> </del> | a) ,   | -  |          | <u> </u> |
|            |                | 12          | U        | بت           | ů.           | Ev           | V.       | 2.       | 12.      | X.   | 1. | 6.          | 1.4         |               | 62       |              |              | -        | 1                 | -          | -            |            |              | 1            | •        |           | <u></u>        | 112        | _            | ; =          |              |               |  | 1.5          | 1.8°   | 1.5  | E        | 13       |
|            | 13             | 13          | 'n,      | 100          | 4.5          |              | 157      |          | ŢÇ,      | 1  | 3  |             | 13          |               | 63       | 1.           | 7            | :        | 22.               |            | 7            |            |              | ,            |          | 3,2       | <u> </u>       | 113        |              | ,23-         |              | 3-2-          |  | 1,5          | 354  | ***  | 17       | H        |
| ij         | 4              |             |          | E,           | ee.          | 1            | 7.       | <b>.</b> | 12       | 4  | 8  | 14          | 100         | 140           | 64       |              |              |          | 1.                | ₹.         | 2 (          |            | •            |              |          |           | •              | 114        | ييت          | 3.0          | 7            |               |  | 1            | 7  | 12   | 1%       | ĥ        |
| 1          | + 4            | 6           | **       | 1            | 13           | WY           | 8,4      |          | W        | 1  | 1  | 3"          |             | 17            | 65       |              |              |          | 4.                |            | ; ;<br>•     | 1          |              | 13           |          |           | •              | 115        | V.           | 4.           | 2            |               | NE.  | 1            |  |  | ES.      | l.       |
|            | -              | 0           |          |              |              | 44           | 1        |          |          | 13.4   | ×  | 15          | Ţ,          | 10            | 68       |              | ÷.           | 35       |                   |            | 2            | <u> </u>   | :            | 7-           |          |           | 1,7            | 116        | 5            | <b>4</b> , * |              |               | 3  |              | 14   |  | 15       | Ī,       |
| <u>}</u> ! | φ <sub>1</sub> | =           |          | 343          | ¥.           | 1            | 15.      | 1        | 1        | 22   |    | 6,          | V.          |               | 67       | <del></del>  | ,            | 1.       | <u> </u>          |            |              | 1          |              |              | •        |           |                | 117        |              | P            | 4            |               |  | 3;           | £.,  | 3,31   | K.       | Ę,       |
| Ŷ          |                | 18          |          | 3.2          | 10.5         | X            | 1, 3     | 1        |          |  |    |             | ij÷         | <u> </u>      | 68       | <del>}</del> |              |          | ·                 |            |              |            |              | Ŀ            |          | ,         |                | 118        | •            |              | <b>J</b> • • | <b>i</b> .    | i,   | ۲,           | 1  | £.J.   | i.       | E        |
|            |                | 19<br>20    | <u> </u> | : ```\<br>}_ | <u> </u>     |              |          |          | -        | 1  |    |             |             | <u> </u>      | 69       | <del></del>  |              | _        |                   |            | -            |            |              |              |          | -         |                | 118        | ·            |              | 33           |               | •  |              | Selv<br>Ve                                       | 1.1  | 5.       | 3        |
|            |                | 21          |          |              |              | **           | -        | -        | <u> </u> | -  | Ŀ  | _           |             | <u> </u>      | 70       | •            |              |          |                   |            |              |            |              |              |          | - 1       |                | 120        |              |              |              |               |  |              | . ;  | <i>:</i> `                                       | 4        | j.       |
|            | -              | 22          | 1.       |              | 7            |              | -        | -        | ┟╌       | <u> </u>   | _  |             |             | Ě             | 71       |              |              |          |                   |            |              | _          |              |              |          |           |                | 121        | _            | _            | _            |               |  |              |  | ٺ  |          | 1        |
| -          |                | 23          |          | <u> </u>     | 4.5          |              | -        |          | -        | <del> -</del>                                    | -  | -           |             | -             | 72<br>73 | -            |              |          | $\vdash$          |            |              |            |              |              |          |           |                | 122        | _            | -4           | _            |               |  |              |  | -  | ••       | •        |
| ŀ          |                | 24          | •        | ÷            |              | 4            | 一        |          | ۳        | ┢  |    |             |             |               | 74       |              |              |          | -                 |            |              |            |              |              |          |           | _              | 123<br>124 | -            |              |              |               |  |              |  |  | -        | ت        |
|            | -              | 25          | ``       | 33           | 13           |              | T.       |          |          | <del>                                     </del> |    |             |             | <u> </u>      | 75       |              |              |          |                   | -          |              |            |              |              |          |           |                | 125        | ┪            |              |              |               | $\dashv$   |              |  | - 1  | 11.4     | _        |
|            |                | 26          |          |              | •            |              | ·        |          |          |  |    |             |             |               | 76       |              | _            |          |                   |            |              | -          |              |              | ┪        |           | <del></del> 4  | 128        | ┪            |              | -            |               | $\dashv$   |              |  |  | $\dashv$ | 7        |
|            | _              | 27          |          | •            |              | •            | 4.       |          |          |  |    |             |             |               | 77       |              |              |          |                   |            |              |            |              |              | $\neg$   |           | -              | 127        | 7            |              | -            | -             |  |              | -  | ?:   | 7.       | •        |
| · •        |                | 28          | -        | ÷            | ••           | ٠ <u>٠</u> ` | •••      |          | Ŀ        |  |    |             |             |               | 78       |              |              |          |                   |            |              | $\Box$     |              |              |          |           | _              | 128        |              |              |              |               |  |              |  |  |          |          |
| -          | -+             | 29<br>30    | -        | ٠.           | **           | _^           |          | •        | <b> </b> | -  |    | _           |             |               | 79       |              | _            |          |                   | _          |              |            | _            |              |          |           |                | 129        |              | _}           |              | $\Box$        |  |              |  |  |          | •        |
| ŀ          | ···            | 31          | ᅱ        |              |              |              | _        |          | -        | $\vdash$   | _  |             |             | -             | 80<br>81 |              |              | _        |                   | _          | _            |            | _            |              | _        |           |                | 130        | _            |              | _            | $\dashv$      | _  | _            | _  | _  | 1        | ÷. :     |
| ۲          | -4-            | 32          | ㅓ        | •            |              | -            | -        |          | -        |  |    |             |             |               | 82       | <b></b>      | $\dashv$     | -        |                   | ┪          |              |            |              |              |          |           | _              | 131        |              |              |              |               |  | _            |  | _  | 4        |          |
| -          |                | 33          | 7        | -            |              | _            |          |          |          |  |    |             |             |               | 83       | -            | -            | -        | _                 |            |              | ┪          |              | $\dashv$     |          | }         |                | 32         | -            |              | -            |               |  |              |  | {  |          | •        |
|            | 1              | 14          |          | :.           | •            | :            |          |          | ·        |  | H  | $\dashv$    |             |               | 84       |              | 7            |          |                   | +          | -            | +          |              | -            |          |           |                | 134        | +            | -            | -            | $\dashv$      | $\dashv$   | $\dashv$     | <del>- </del>                                    | $\dashv$   | +        |          |
|            | _              | 35          |          |              |              |              |          |          |          |  |    |             |             |               | 85       |              | 7            | -        | 7                 | 1          | 1            | +          |              | +            | ᅱ        | İ         |                | 35         | +            | +            | -            | +             | +  | $\dashv$     | -  | +  | +        | ÷        |
| L          | <del>-</del>   | 16          |          |              |              |              |          | ·        |          |  |    |             |             |               | 86       |              |              |          |                   | 7          |              | 7          |              | 7            | 7        |           |                | 36         | 7            | -            | 7            | +             | +  | +            | 1  | 7  | 7        |          |
| L          |                | 37          | _        | _            |              | _            |          | Ц        |          |  |    | _]          |             |               | 87       |              |              |          |                   |            |              |            |              |              |          | Ì         | _              | 37         |              |              | 1            | 7             | 7  | 1            | 7  | 7  | 1        |          |
| -          | <del></del>    | 8           | 4        | -            |              | _            |          |          |          |  | _  | _           |             | ~~            | 88       |              | _            |          |                   |            |              |            | $\Box$       |              |          |           | -              | 38         |              |              |              |               |  |              |  | I  | $\int$   |          |
| H          | -              | 10          |          |              |              |              |          |          |          |  | _  | ᆜ           | -           |               | 89       | _            | _            |          |                   | _          | _            |            |              | $\bot$       |          | [         |                | 39         | $\Box$       |              |              | I             | $\Box$   | I            | 1  | I  |          | _        |
| F          | <del>-</del> - |             | {        |              |              | {            |          |          |          | {  | _  | _           |             |               | 90       |              | _            | _        |                   | _          | 4            | 4          | 4            | _            |          | Į         |                | 40         |              |              |              |               | _  |              |  | 1  | 4        | _        |
| H          | ↓-             | 2           |          |              |              |              | -        |          |          |  | _  | 4           | į           |               | 91       | 4            | _            | _        | 4                 | _          | $\downarrow$ | _          |              |              |          | Ĺ         |                | 41         |              | $\prod$      |              |               |  |              | $\bot$   | $\bot$   | 1        |          |
| H          | -              | 13          | ┥        |              |              |              |          |          |          |  | {  | {           | {           | <del></del> } | 92       | {            | -{           |          | _}                | $\dashv$   | -            | 4          | _            | _            | 4        | }         |                | 42         | _            | 1            | _            | 4             | _  | 4            | 4  | _  | 4        | _        |
| 1          |                | 14          | 1        | -            |              | -            |          | -        | Н        |  | -  | {           | }           |               | 93<br>94 | -}           | +            | $\dashv$ | -}                | $\dashv$   | -            | +          |              | 4            | 4        |           | <del>[</del> - | 43         | 4            | 4            | 4            | 4             | 4  | $\dashv$     | +  | +  | +        | -        |
| r          |                | 5           | 7        | ᅦ            | -            |              | -        |          |          |  | -  | -           | l           |               | 95       | ┪            | $\dashv$     | -        | ┰                 | +          | -            | -          | -            | +            | 4        | -         |                | 44         | -            | 4            | _            | 4             | _  | +            | 4  | +  | +        | -        |
|            | J              | 16          |          |              | _            |              |          |          |          |  | 1  | $\dashv$    | 1           |               | 96       | -            | +            | +        | 7                 | +          | +            | +          | +            | }            | -        | }         |                | 46         | +            | +            | +            | +             | +  | +            | 十  | +  | +        | ㅓ        |
| L          |                | 7           | $\Box$   |              |              |              |          |          |          |  |    |             | Ī           |               | 97       |              |              | 1        | 7                 | +          | 7            | 1          | 7            | $\top$       | 7        | ł         | -+             | 47         | +            | +            | +            | +             | +  | +            | +  | +  | T        | 1        |
| -          |                | 8           | 4        | _            | _]           |              |          |          |          |  |    |             |             |               | 98       |              |              | 1        |                   | 1          | 7            | _          | _            | 7            | 7        | l         |                | 48         | +            | +            | +            | +             | $\top$   | 1            | 1  | I  | I        |          |
| -          | -              | 9           | 4        | _            | _            | _ļ           |          | _        |          |  |    |             |             | $\Box$        | 99       | J            | $\Box$       | I        | 1                 |            |              |            |              | 1            |          | Ì         |                |            | 1            | 1            | 1            | _             | _  |              | I  | I  | $\perp$  | _]       |
| L          | ٤              | 0           |          |              | 1            |              | 1        |          |          | 1  |    | 1           | •           | į.            | 00       | ]            |              | 1        | T                 | T          | -1           | 1          | 7            | 7            | $\neg$   | Ť         | 1              | 50         | 7            | -1           | -            | 7             | 一  | 7            | T  | 1  | 1        | _        |

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